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Registration No. (Attomey/Agent)

PTO/SB/05 (4/98) Please type a plus sign (+) inside this box + Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 78-489 (P9415) UTILITY First Inventor or Application Identifier Won-Kyu Suk PATENT APPLICATION Apparatus and Method for Combining... TRANSMITTAL Express Mail Label No. EL484185130US Only for new nonprovisional applications under 37 C.F.R. § 1.53(b) Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) 5. Microfiche Computer Program (Appendix) X (Submit an original and a duplicate for fee processing) 6. Nucleotide and/or Amino Acid Sequence Submission X Specification [Total Pages (if applicable, all necessary) (preferred arrangement set forth below) Computer Readable Copy - Descriptive title of the Invention - Cross References to Related Applications b. Paper Copy (identical to computer copy) - Statement Regarding Fed sponsored R & D Ç. Statement verifying identity of above copies - Reference to Microfiche Appendix - Background of the Invention ACCOMPANYING APPLICATION PARTS - Brief Summary of the Invention X Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 37 C.F.R.§3.73(b) Statement Power of - Detailed Description 8 (when there is an assignee) Attorney - Claim(s) 9 English Translation Document (if applicable) - Abstract of the Disclosure Copies of IDS Information Disclosure 10 X Drawing(s) (35 U.S.C. 113) [Total Sheets 3 Statement (IDS)/PTO-1449 Citations Preliminary Amendment Oath or Declaration [Total Pages Return Receipt Postcard (MPEP 503) X a. Newly executed (original or copy) 12. (Should be specifically itemized) Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed) Small Entity Statement filed in prior application, 13. Statement(s) Status still proper and desired **DELETION OF INVENTOR(S)** (PTO/SB/09-12) Status still proper Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) named in the prior application, (if foreign priority is claimed) see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). 15. NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28). 16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: Divisional Continuation-in-part (CIP) of prior application No: Continuation Group / Art Unit: Examiner Prior application information: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Correspondence address below Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Paul J. Farrell Name arrese د Dilworth Address 333 Earle Ovington Blvd. 11553 Citv Uniondale State NY Zip Code (516) 228-8484 (516) 228-8516 U.S. Telephone Country

Paul & Farrell

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Name (Print/Type)

Signature

PTO/SB/17 (12/99)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known TRANSMITTA Application Number for FY 2000 Filing Date Won-Kyu Suk Patent fees are subject to annual revision. First Named Inventor Small Entity payments must be supported by a small entity statement, **Examiner Name** otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28. Group / Art Unit Attorney Docket No. 678-489 (P9415) TOTAL AMOUNT OF PAYMENT (\$) 886.00 FEE CALCULATION (continued) METHOD OF PAYMENT (check one) The Commissioner is hereby authorized to charge 3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee indicated fees and credit any overpayments to: **Fee Description** Fee Paid Code (\$) Code (\$) Deposit 04-1121 Account 130 205 65 Surcharge - late filing fee or oath 105 Number Surcharge - late provisional filing fee or cover sheet. 25 127 50 227 Deposit DILWORTH & BARRESE, LLP Account Non-English specification Name 130 139 130 139 For filing a request for reexamination Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 147 2,520 147 2,520 Requesting publication of SIR prior to 112 920° 9201 Examiner action 2. X Payment Enclosed: Requesting publication of SIR after 1,840* 113 1,840* Money X Check Other Examiner action Order Extension for reply within first month 55 115 110 215 **FEE CALCULATION** Extension for reply within second month 216 190 380 Extension for reply within third month 1. BASIC FILING FEE 870 217 435 Large Entity Small Entity Extension for reply within fourth month 1.360 218 680 Fee Description Fee Fee Fee Paid Extension for reply within fifth month Code (\$) Code (\$) 1,850 228 925 128 201 345 Utility filing fee 101 690 \$690.00 Notice of Appeal 219 150 300 Design filing fee 106 310 206 155 Filing a brief in support of an appeal 220 150 120 300 Plant filing fee 107 480 207 240 Request for oral hearing 121 260 221 130 690 208 345 Reissue filing fee Petition to institute a public use proceeding 108 1,510 138 1,510 Provisional filing fee 75 150 214 114 Petition to revive - unavoidable 140 110 240 Petition to revive - unintentional 690.00 SUBTOTAL (1) (\$) 1,210 241 605 Utility issue fee (or reissue) 142 1,210 242 605 2. EXTRA CLAIM FEES Design issue fee Fee from 143 430 243 215 Ext<u>ra Claim</u>s below \$18 Fee Paid 244 290 Plant issue fee =\$0 580 144 l x [0_ Total Claims 8 __]-20** = Petitions to the Commissioner Independent Claims \$78 122 130 122 130 **\$156** - 3** = хI 123 50 Petitions related to provisional applications 50 123 \$260 Multiple Dependent 240 126 240 or number previously paid, if greater, For Reissues, see below 126 Submission of Information Disclosure Stmt **Large Entity Small Entity** 40 581 40 Recording each patent assignment per Fee Description \$40 Fee property (times number of properties) (\$) Code (\$) Code 246 345 690 Filing a submission after final rejection (37 CFR § 1.129(a)) 146 Claims in excess of 20 203 9 103 18 Independent claims in excess of 3 78 202 39 102 149 690 249 For each additional invention to be Multiple dependent claim, if not paid examined (37 CFR § 1.129(b)) 204 130 260 104 ** Reissue independent claims 209 39 109 78 over original patent Other fee (specify) ** Reissue claims in excess of 20 110 18 210 9 Other fee (specify) and over original patent (\$) 40.00 SUBTOTAL (3) (\$) 156.00 SUBTOTAL (2) Reduced by Basic Filing Fee Paid Complete (if applicable) SUBMITTED BY Registration No. (516) 228-8484 Telephone 33,494 Name (Print/Type) Paul (Attorney/Agent) 5/25/00 Date Signature

<u> Magazininin - Palitin</u>

PATENT

Atty. Docket No. 678-489 (P9415)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents Washington, D.C. 20231

UTILITY APPLICATION FEE TRANSMITTAL

Sir:							
Transmitted herewith for filing is the patent application of							
Inventor(s):	entor(s): Won-Kyu Suk						
For:	APPARATUS AND METHOD FOR COMBINING SYMBOL DATA IN COMA COMMUNICATION SYSTEM						
Enclosed are:							
[X] <u>10</u>	page(s) of specification						
[X] <u>1</u>	page(s) of Abstract						
[X] <u>3</u>	page(s) of claims						
[X] <u>3</u>	sheets of drawings [X] formal [] informal						
[X] <u>2</u>	page(s) of Declaration and Power of Attorney						
[X] An Assignment of the invention to <u>Samsung Electronics Co., Ltd.</u>							
CERTIFICATION UNDER 37 C.F.R. § 1.10							

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date May 25, 2000 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL484185130US addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Signature of person mailing paper)

	This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s).:						
	APPLICATION N	IO(S).:	FILING DATE				
		•					
[X]	Certified copy of ap	plications					
Country		Appln. No.	<u>Filed</u>				
Kore	ea	99-18781	May 25, 1999				

from which priority under Title 35 United States Code, § 119 is claimed [] is enclosed.

[X] will follow.

CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee \$690.00
TOTAL CLAIMS	8	0	x 18 =	\$0
INDEPENDENT CLAIMS	5	2	x 78 =	\$156.00
[] Multiple Dep. Claim	0		260	\$0
	TOTAL\$846.00			

[] Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith §.

^{*}Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).

- [X] The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.
- [X] Two checks in the amount of \$846.00 and \$40.00 to cover the [X] recording, [X] filing fee(s) are attached.
- [] Charge fee to Deposit Account No. 04-1121. Order No. _____
 TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.
- [X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: May 25, 2000

Paul J. Farrell Reg. No. 33,494

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DILWORTH & BARRESE 333 Earle Ovington Blvd. Uniondale, NY 11553 Tel. No. (516) 228-8484 Fax. (516) 228-8516